

Add new claims 45-52 as follows:

1 -- 45. An apparatus for generating an aerosol encapsulant
2 from a capture liquid comprising:
3 a chamber having an outlet port;
4 a primary reservoir in the chamber for containing the
5 capture liquid, the primary reservoir having a liquid level;
6 a primary reservoir level controller comprising:
7 an overflow reservoir having a liquid level
8 lower than the liquid level of the primary reservoir;
9 a liquid recirculation pump for transferring the
10 capture liquid from the overflow reservoir to the
11 primary reservoir; and
12 an overflow weir for allowing the capture liquid
13 to spill over from the primary reservoir to the
14 overflow reservoir, thereby maintaining the liquid
15 level of the primary reservoir at an essentially
16 constant level;
17 at least one transducer submerged in the liquid; and
18 motive means for causing a flow of a carrier gas to carry
19 the aerosol from the chamber through the outlet port. --

1 -- 46. The apparatus of claim 45 further comprising a
2 transducer height adjuster. --

1 -- 47. The apparatus of claim 45 wherein the carrier gas is
2 ambient air and the motive means comprises a fan. --

1 -- 48. An apparatus for producing an aerosol encapsulant into
2 a process area, the apparatus comprising:

3 a chamber having an outlet port from which the aerosol is
4 produced into the process area;

5 a reservoir in the chamber for containing a liquid having
6 a liquid level;

7 at least one transducer submerged in the liquid;

8 motive means for causing a flow of a carrier gas to carry
9 the aerosol from the chamber through the outlet port; and

10 an aerosol recovery system for recovering the aerosol from
11 an exhaust aerosol stream from the process area, the aerosol
12 recovery system comprising:

13 a spray bath for capturing the exhaust aerosol
14 from the exhaust aerosol stream and producing an
15 exhaust gas stream; and

16 a filter for filtering moisture from the exhaust
17 gas stream. --

1 -- 49. The apparatus of claim 48 wherein the carrier gas is
2 ambient air and the motive means comprises a fan. --

1 -- 50. An apparatus for producing an aerosol encapsulant into
2 a process area, the apparatus comprising:

3 a chamber having an outlet port for producing the aerosol
4 into the process area;

5 a reservoir in the chamber for containing a liquid having
6 a liquid level;

7 at least one transducer submerged in the liquid;

8 motive means for causing a flow of a carrier gas to carry
9 the aerosol from the chamber through the outlet port; and

10 an aerosol recovery system for recovering the aerosol from
11 an exhaust aerosol stream from the process area, the aerosol
12 recovery system comprising: